

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024175.D
 Acq On : 27 Dec 2021 12:12
 Operator : SY/MD
 Sample : VSTD01068
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010268

Quant Time: Dec 29 04:39:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112256	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90325	10.698	ug/L	0.00
7) Chloroethane-d5	1.568	69	75590	10.735	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	220192	10.730	ug/L	0.00
20) 2-Butanone-d5	3.899	46	110394	117.703	ug/L	-0.02
24) Chloroform-d	4.349	84	196094	10.940	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	88175	10.990	ug/L	0.00
32) Benzene-d6	5.050	84	355441	11.043	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	93809	10.640	ug/L	0.00
41) Toluene-d8	7.313	98	359775	11.341	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	41951	11.237	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	155692	124.028	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	67676	11.242	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	139051	10.943	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	284007	10.946	ug/L	99
3) Chloromethane	1.240	50	202326	10.318	ug/L	97
5) Vinyl chloride	1.311	62	212134	10.571	ug/L	98
6) Bromomethane	1.523	94	137669	10.753	ug/L	99
8) Chloroethane	1.584	64	122071	10.463	ug/L	95
9) Trichlorofluoromethane	1.754	101	351737	10.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	172241	11.001	ug/L	99
12) 1,1-Dichloroethene	2.118	96	162649	10.552	ug/L	95
13) Acetone	2.201	43	136734	102.723	ug/L	83
14) Carbon disulfide	2.294	76	535856	10.759	ug/L	99
15) Methyl Acetate	2.439	43	42713	12.923	ug/L	97
16) Methylene chloride	2.507	84	163285	9.911	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	337502	10.829	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	175017	10.692	ug/L	98
19) 1,1-Dichloroethane	3.188	63	284830	10.453	ug/L	99
21) 2-Butanone	3.979	43	229131	130.832	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	174917	10.798	ug/L	99
23) Bromochloromethane	4.246	128	80150	10.353	ug/L	91
25) Chloroform	4.375	83	315637	10.366	ug/L	98
27) 1,2-Dichloroethane	5.130	62	181374	10.642	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	319196	10.619	ug/L	99
30) Cyclohexane	4.677	56	263605	11.790	ug/L	97
31) Carbon tetrachloride	4.828	117	293616	10.533	ug/L	99
33) Benzene	5.098	78	672744	10.758	ug/L	100
34) Trichloroethene	5.912	95	186009	10.542	ug/L	98
35) Methylcyclohexane	6.130	83	296675	11.610	ug/L	98
37) 1,2-Dichloropropane	6.172	63	151089	10.479	ug/L	99
38) Bromodichloromethane	6.510	83	217413	10.524	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	234733	11.231	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	777579	112.836	ug/L	97
42) Toluene	7.387	91	775143	11.109	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	203343	11.393	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	112390	10.515	ug/L	99
47) Tetrachloroethene	7.976	164	170818	10.880	ug/L	98
48) 2-Hexanone	8.140	43	566976	112.418	ug/L	98
49) Dibromochloromethane	8.246	129	154439	10.742	ug/L	99
50) 1,2-Dibromoethane	8.352	107	108862	10.718	ug/L	94
51) Chlorobenzene	8.879	112	495671	10.721	ug/L	99
52) Ethylbenzene	9.011	91	842572	11.357	ug/L	100
53) m,p-xylene	9.137	106	335508	11.401	ug/L	98
54) o-xylene	9.542	106	324330	11.510	ug/L	98
55) Styrene	9.558	104	552338	11.635	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	112240	10.835	ug/L	98
59) Bromoform	9.731	173	83228	10.564	ug/L	99
60) Isopropylbenzene	9.931	105	884623	11.447	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	88853	10.274	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	762406	11.700	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	783228	11.793	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	431774	10.783	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	424704	10.702	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	389237	10.739	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20304	10.884	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	352844	11.065	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	278048	11.324	ug/L	97
71) Naphthalene	13.500	128	430384	11.805	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	248091	11.488	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

